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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/834,240

DATE: 04/21/2003

TIME: 16:27:52

Input Set : A:\1159.1008005 Seq List.txt
 Output Set: N:\CRF4\04212003\I834240.raw

4 <110> APPLICANT: Sompuram, Seshi R.
 5 Ramanathan, Halasya
 7 <120> TITLE OF INVENTION: Quality Control for Cytochemical Assays
 10 <130> FILE REFERENCE: 1159.1008-005
 12 <140> CURRENT APPLICATION NUMBER: 09/834,240
 C--> 13 <141> CURRENT FILING DATE: 2003-03-28
 15 <150> PRIOR APPLICATION NUMBER: 09/549,855
 16 <151> PRIOR FILING DATE: 2000-04-14
 18 <150> PRIOR APPLICATION NUMBER: 09/291,351
 19 <151> PRIOR FILING DATE: 1999-04-14
 21 <160> NUMBER OF SEQ ID NOS: 42
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 20
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Homo sapiens
 30 <400> SEQUENCE: 1
 31 Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly
 32 1 5 10 15
 33 Ser Thr Ala Pro
 34 20
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 18
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Homo sapiens
 42 <400> SEQUENCE: 2
 43 Ser Asp Trp Ala Cys Asp Gln Glu Pro Phe Phe Thr Leu Cys Ser Tyr
 44 1 5 10 15
 45 His Ala
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 18
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Homo sapiens
 54 <400> SEQUENCE: 3
 55 Ser His Leu His Cys Gln Ala Pro Tyr His Asn Glu Gly Cys His His
 56 1 5 10 15
 57 Phe Ala
 61 <210> SEQ ID NO: 4
 62 <211> LENGTH: 18
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Homo sapiens
 66 <400> SEQUENCE: 4
 67 Ser His Ser His Cys Gln Ala Pro Tyr Leu Ser Met Ala Cys Leu Pro



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Input Set : A:\1159.1008005 Seq List.txt
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68 1 5 10 15
69 Pro Ala
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 18
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 5
79 Ser His His Ser Cys Gln Ala Pro Phe Tyr Asp Arg Asp Cys Arg Asn
80 1 5 10 15
81 Asn Ala
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 18
87 <212> TYPE: PRT
88 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 6
91 Ser His Asp Phe Cys Gln Ala Pro Trp Phe Asp Glu Asn Cys Asn Ser
92 1 5 10 15
93 Asn Ala
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 18
99 <212> TYPE: PRT
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 7
103 Ser Asn His Asn Cys Asp Gln Ser Pro Tyr Tyr Leu Ala Cys Val Asn
104 1 5 10 15
105 Pro Ala
109 <210> SEQ ID NO: 8
110 <211> LENGTH: 18
111 <212> TYPE: PRT
112 <213> ORGANISM: Homo sapiens
114 <400> SEQUENCE: 8
115 Ser Ser Leu Asn Cys His Gln Ser Pro Tyr Leu Ser Tyr Cys His Tyr
116 1 5 10 15
117 Pro Ala
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 18
123 <212> TYPE: PRT
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 9
127 Ser Tyr Phe Asp Cys Gln Gln Ser Tyr Tyr Leu Pro Asn Cys Phe Asn
128 1 5 10 15
129 Asn Ala
133 <210> SEQ ID NO: 10
134 <211> LENGTH: 18
135 <212> TYPE: PRT
136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 10
139 Ser His Ser His Cys Gly Ser Gln Ala Pro Tyr Tyr Met Cys Ser Asp
140 1 5 10 15

RAW SEQUENCE LISTING
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Input Set : A:\1159.1008005 Seq List.txt
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141 His Ala
145 <210> SEQ ID NO: 11
146 <211> LENGTH: 18
147 <212> TYPE: PRT
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 11
151 Ser His Pro Phe Cys Asp Ser Asn Gln Thr Pro Tyr Tyr Cys Phe Asn
152 1 5 10 15
153 Asn Ala
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 18
159 <212> TYPE: PRT
160 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 12
163 Ser His Asp Leu Cys Thr His Asn Gln Val Pro Tyr Phe Cys Asp Asn
164 1 5 10 15
165 Asn Ala
169 <210> SEQ ID NO: 13
170 <211> LENGTH: 18
171 <212> TYPE: PRT
172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 13
175 Ser Leu Ser Asp Cys Asp Lys Phe Gln Ala Pro Tyr Val Cys Ala Phe
176 1 5 10 15
177 Asn Ala
181 <210> SEQ ID NO: 14
182 <211> LENGTH: 18
183 <212> TYPE: PRT
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 14
187 Ser His Asp Ser Cys Ala Phe Asn Gln Ser Pro Tyr Phe Cys Asp His
188 1 5 10 15
189 Asn Ala
193 <210> SEQ ID NO: 15
194 <211> LENGTH: 18
195 <212> TYPE: PRT
196 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 15
199 Ser Asn His His Cys Met Asn Phe Gln Gln Pro Val Tyr Cys Asn Asn
200 1 5 10 15
201 Tyr Ala
205 <210> SEQ ID NO: 16
206 <211> LENGTH: 18
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 16
211 Ser His Leu Asp Cys Tyr His Tyr Ser Gln Ala Pro Tyr Cys Gln Ser
212 1 5 10 15
213 Tyr Ala

RAW SEQUENCE LISTING

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Input Set : A:\1159.1008005 Seq List.txt
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217 <210> SEQ ID NO: 17
218 <211> LENGTH: 18
219 <212> TYPE: PRT
220 <213> ORGANISM: Homo sapiens
222 <400> SEQUENCE: 17
223 Ser Asn Asp Asp Cys Tyr Val Asp Asn Gln His Pro Tyr Cys His Leu
224 1 5 10 15
225 Leu Ala
229 <210> SEQ ID NO: 18
230 <211> LENGTH: 18
231 <212> TYPE: PRT
232 <213> ORGANISM: Homo sapiens
234 <400> SEQUENCE: 18
235 Thr Gly Ser Asp Lys Gln Cys Pro Val Ile Asp Cys Met Glu Tyr Ala
236 1 5 10 15
237 Pro Gly
241 <210> SEQ ID NO: 19
242 <211> LENGTH: 18
243 <212> TYPE: PRT
244 <213> ORGANISM: Homo sapiens
246 <400> SEQUENCE: 19
247 Thr Gly Ser Ser Trp Gln Cys Pro Phe Trp Asp Cys Gly Asp Ser Ala
248 1 5 10 15
249 Pro Gly
253 <210> SEQ ID NO: 20
254 <211> LENGTH: 18
255 <212> TYPE: PRT
256 <213> ORGANISM: Homo sapiens
258 <220> FEATURE:
259 <221> NAME/KEY: VARIANT
260 <222> LOCATION: 4
261 <223> OTHER INFORMATION: Xaa = Any Amino Acid
263 <400> SEQUENCE: 20
W--> 264 Thr Gly Ser Xaa Met Gln Cys Pro Val Leu Asn Cys Ser Gly Asp Ala
265 1 5 10 15
266 Pro Gly
270 <210> SEQ ID NO: 21
271 <211> LENGTH: 18
272 <212> TYPE: PRT
273 <213> ORGANISM: Homo sapiens
275 <400> SEQUENCE: 21
276 Thr Gly Ser Ala Gln Gln Cys Pro Val Lys Asn Cys Gly Ile Asn Ala
277 1 5 10 15
278 Pro Gly
282 <210> SEQ ID NO: 22
283 <211> LENGTH: 18
284 <212> TYPE: PRT
285 <213> ORGANISM: Homo sapiens
287 <400> SEQUENCE: 22

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/834,240

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Input Set : A:\1159.1008005 Seq List.txt
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288 Thr Gly Ser Ser His Gln Cys Pro Ala Leu Ser Cys Ala Val Ser Ala
289 1 5 10 15
290 Pro Gly
294 <210> SEQ ID NO: 23
295 <211> LENGTH: 18
296 <212> TYPE: PRT
297 <213> ORGANISM: Homo sapiens
299 <400> SEQUENCE: 23
300 Thr Gly Ser Leu Ile Gln Cys Pro Ala Phe Phe Cys Asp Asn Ala Ala
301 1 5 10 15
302 Pro Gly
306 <210> SEQ ID NO: 24
307 <211> LENGTH: 18
308 <212> TYPE: PRT
309 <213> ORGANISM: Homo sapiens
311 <400> SEQUENCE: 24
312 Thr Gly Ser Asp Phe Gln Cys Pro Tyr Val Glu Cys Val Val Asn Ala
313 1 5 10 15
314 Pro Gly
318 <210> SEQ ID NO: 25
319 <211> LENGTH: 18
320 <212> TYPE: PRT
321 <213> ORGANISM: Homo sapiens
323 <400> SEQUENCE: 25
324 Thr Gly Ser Val Ser Gln Cys Pro Tyr Trp Glu Cys Asp Asp Tyr Ala
325 1 5 10 15
326 Pro Gly
330 <210> SEQ ID NO: 26
331 <211> LENGTH: 18
332 <212> TYPE: PRT
333 <213> ORGANISM: Homo sapiens
335 <400> SEQUENCE: 26
336 Thr Gly Ser Phe Trp Gln Cys Pro Phe Phe Gly Cys Asp Asn Phe Ala
337 1 5 10 15
338 Pro Gly
342 <210> SEQ ID NO: 27
343 <211> LENGTH: 18
344 <212> TYPE: PRT
345 <213> ORGANISM: Homo sapiens
347 <400> SEQUENCE: 27
348 Thr Gly Pro Phe Glu Leu Cys Lys Glu Asn Asp Cys Gln Ala Pro Ala
349 1 5 10 15
350 Pro Gly
354 <210> SEQ ID NO: 28
355 <211> LENGTH: 18
356 <212> TYPE: PRT
357 <213> ORGANISM: Homo sapiens
359 <400> SEQUENCE: 28
360 Thr Gly Ser Tyr Gln His Cys Pro Tyr Tyr Asp Cys Asp Val Asp Ala

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/21/2003
PATENT APPLICATION: US/09/834,240 TIME: 16:27:53

Input Set : A:\1159.1008005 Seq List.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:20; Xaa Pos. 4

VERIFICATION SUMMARY
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Input Set : A:\1159.1008005 Seq List.txt
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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:381 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30